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Attorney Docket No.

	TR	ANSMIT	TALLETTER TO	THE UNITED STATES	710100-22 4 0 4 5 4 0 1	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) 710100-22 4 1 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371						
International Application No.				International Filing Date	Priority Date Claimed	
PCT/DE2004/001765				5 August 2004	12 August 2003	
TITLE OF INVENTION COMPOSITE MULTILAYER MATERIAL, PRODUCTION AND USE						
APPLICANT(S) FOR DO/EO/US						
ADAM, Achim; STASCHKO, Klaus						
		ant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
1.		This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.				
2.		This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.				
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6) (9) and (21) indicated below.				
4.	\boxtimes	The US has been elected (Article 31).				
5.	\boxtimes	A copy of the International Application as filed (35 U.S.C. 371(c)(2))				
		a. 🛛 is attached hereto (required only if not communicated by the International Bureau).				
		b.	has been commun	icated by the International Bureau.		
		c. is not required, as the application was filed in the United States Receiving Office (RO/US).				
6.	\boxtimes	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).				
		a.	is attached hereto			
		b.	has been previous	ly submitted under 35 U.S.C. 154(d)	(4).	
7.	\boxtimes	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))				
		 a. are attached hereto (required only if not communicated by the International Bureau). 				
		b.	☐ have been commu	inicated by the International Bureau.		
		C.	☐ have not been made	de; however, the time limit for making	g such amendments has NOT expired.	
		d.		de and will not be made.		
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).				
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).				
10.		An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).				
	Item	tems 11 to 20 below concern document(s) or information included:				
11.	\boxtimes	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.				
12.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.				
13.	\boxtimes	A preliminary amendment.				
14.		An Application Data Sheet under 37 CFR 1.76.				
15.	_	A substitute specification.				
16.		A power of attorney and/or change of address letter.				
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.				
18.		A second copy of the published InertanationI Application under 35 U.S.C. 154(d)(4).				
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).				

Page 1 of 3

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed for to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patents and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number (known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER U.S. APPLICATION NO. (If known, see 37 CFR 1.5) PCT/DE2004/001765 710100-22 PCT/IB/304; PCT/IB/308; PCT/IB/210 20. The following fees have been submitted CALCULATIONS PTO USE ONLY \$ 300.00 Basic national fee (37 CFR 1.492(a)).....\$300.00 21. 22. $\overline{\mathsf{X}}$ Examination fee (37 CFR 13492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)......**\$0** \$200.00 All other situations.... Search fee (37 CFR 1.492(b)) \boxtimes 23. If the written opinion prepared by ISA/US or the international preliminary examination report prepared \$500.00 by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)...... Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an Previously communicated to the US by the IB......\$400 All other situations..... \$1000.00 Total of 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction RATE thereof (round up to a whole number) -100= X\$250 \$0.00 Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the \$0.00 date of commencement of the national stage (37 CFR 1.492(h)). **NUMBER FILED** NUMBER EXTRA RATE **CLAIMS** \$0.00 Total Claims 8 -20= \$50 Independent Claims \$200 \$0.00 1 -3= MULTIPLE DEPENDENT CLAIM(S) (if applicable) \$360 \$0.00 TOTAL OF ABOVE CALCULATIONS= \$0.00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. SUBTOTAL= \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months \$ from the earliest claimed priority date (37 CFR 1.492(i)). **TOTAL NATIONAL FEE =** \$1000.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$1000.00 Amount to be \$ Refunded: \$1000.00 Amount to be Charged

Page 2 of 3

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed for to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patents and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO-1390 (Rev. 07-2005)
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. A check in the amount of \$1000.00 to cover the above fees is enclosed. a. 🛛 b. □ Please charge my Deposit Account No. 04-1061 in the amount of \$1000.00 c. 🛛 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1061. A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information d. 🔲 should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Signature / Robert L. Stearns Dickinson Wright PLLC John D. Wright 38525 Woodward Avenue Bloomfield Hills, MI 48304-2970 Name Phone: 248-433-7382 49,095 Registration Number

Page 3 of 3